

Present Tax Structure Stymies Business Stockholders Are Told

The inhibiting effect of the present federal corporate tax structure is keeping many companies from undertaking business ventures that could contribute to a more rapid growth of the national economy, Birny Mason Jr., president of Union Carbide Corporation, told stockholders at the corporation's recent annual meeting. He said that businessmen throughout the country are faced with problems of higher costs, low prices, and inadequate profits, and that the time has come to lower corporate taxes substantially as a means of stimulating the economy. He pointed out, however, that any tax cut must be followed by a reduction in government spending, and this must be done in such a way as not to impair the necessary services of government.

Mr. Mason said, "I think many of us tend to forget that the current 52 per cent corporate tax rate was adopted at the time of the Korean War, and that the prior tax rate was 38 per cent. While the pent-up consumer demand existed during the early fifties, the United States' economy had sufficient strength to move ahead in spite of this weight on its shoulders. Now that this unusual demand has been satisfied, and we are in a period of more normal economic influences, the inhibiting effect of the present tax structure has become more apparent. We believe that the time has come to relieve this dampening influence by lowering corporate taxes substantially. And this must not merely be a cut in the tax rate that is recaptured through a speed up in tax payments."

1962 Level Expected

Stockholders were told that Union Carbide is now operating at the rate of the fourth quarter of 1962, and that, at the present level of economic activity, sales and earnings for the year are expected to be at approximately the same level as last year. First-quarter results, reported earlier in the week, showed sales of \$383,669,000, which was five per cent less than the record achieved

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SNT Will Meet Tuesday, May 14

The Oak Ridge Chapter of the Society for Nondestructive Testing will hold its May meeting at the Oak Terrace, Tuesday, May 14. Dinner begins at 6:30 p.m. The technical session commences at 8 p.m.

Ralph H. Kenton, Magnaflux Corporation, will speak on the "New Developments in Electronics for Nondestructive Testing." Kenton is product manager for electronic equipment, including those used to correlate electrical, magnetic and sonic properties of materials with metallurgical and physical characteristics. He has published many articles on these subjects.

Anyone interested should contact R. T. Bell, extension 7201, before noon May 13, for reservations.

All members are urged to attend since the election of the 1963-64 officers will be held at this meeting.

Joint Seminar Set At ORNL Friday

There will be joint Physics and Solid State Divisions seminar this Friday at the Oak Ridge National Laboratory. T. Nagamiya, University of California, will discuss "The Magnetic Configuration and Electronic Structure of Chromium."

The seminar is scheduled for 3:15 p.m., Friday, May 10, at the East Auditorium, in ORNL's 4500 Building.



Spring Dance In Oak Ridge 17th Of May

There's a big Spring Dance set for Y-12ers, Friday, May 17, at the Oak Terrace Ballroom, Oak Ridge. Festivities get underway at 9 p.m. There are big door prizes planned for attendants.

The O. J. Bailey Orchestra, Chattanooga, is again booked for the seasonal hop.

Advance tickets are on sale at the Cashiers in the Cafeteria. No table reservations are ever taken for Y-12 dances.

That's only one week from this coming Friday. So it's not too early to start organizing tables and groups for the occasion. Tickets are only \$1.50 each, or \$3 per couple.

Lo, these many years have seen many of the traditional dances come and go. They are always fun-filled, and provide employees the chance to speak to one another about something other than work.

Get those tickets early . . . or if you forget, they'll be on sale at the door prior to the dance. Circle May 17 on the calendar right now. Make plans now to attend Y-12's Spring Dance.

See you there!

Friday Meeting Set By IEEE

The Oak Ridge Section of the Institute of Electrical and Electronic Engineers (formerly AIEE) will have a dinner meeting at the Oak Ridge Holiday Inn Friday. Program speaker is announced as Ernest Wilson, retired ceramics engineer, formerly with the Tennessee Valley Authority and the United States Bureau of Mines.

Wilson's subject will be "Ceramics" and he will speak on the different types pottery and other articles made from local clays.

The dinner is set for 7 p.m., Friday, May 10 at the Holiday Inn. Reservation cards have been mailed to all IEEE members. Others wishing to attend may call T. L. Hudson, extension 7-8255.

90 Cent Dividend Is Declared By UCC Board

The board of directors of Union Carbide Corporation has declared a quarterly dividend of ninety cents (90c) per share on the outstanding capital stock of the corporation payable June 1, 1963, to stockholders of record May 6, 1963.

The last quarterly dividend was also ninety cents per share paid March 2, 1963.

Birny Mason Jr. Made Executive Officer As Morse G. Dial Retires

Top-level changes have been announced by Union Carbide Corporation. Birny Mason Jr., president of the corporation, has been named chief executive officer, assuming the top management position, succeeding Morse G. Dial who retired as chairman and chief executive officer on May 1. Mr. Dial who completed 34 years of service, will continue as a director. Howard S. Bunn, now vice-chairman of the board, will become chairman of the executive committee.

Mr. Mason joined Union Carbide in 1932. He became secretary of the corporation in 1955, a vice-president in 1957, executive vice-president and member of the board of directors in 1958, and president in 1960. He is a member of the board of directors of Consolidation Coal Company, The Fidelity and Casualty Company of New York, and Metropolitan Life Insurance Company. A graduate of Cornell University, he received the degree of BS in chemical engineering there in 1931.

Dial's Long Career

The retiring chief executive, Morse G. Dial, has been associated with Union Carbide since 1929. He became secretary and treasurer of the corporation in 1945, a vice-president and a director in 1949, executive vice-president in 1951, president and chief executive officer in 1952, and chairman of the board and chief executive officer in 1958. Mr. Dial is a director of The Prudential Insurance Company, and The Manufacturers Hanover Trust Company. In addition, he is a trustee of The Putnam Trust Company. Mr. Dial is a graduate of Cornell University with the degree of mechanical engineer received in 1920. He has received the following honorary degrees: doctor of engineering from Stevens Institute of Technology in 1954, doctor of laws from Holy Cross College in 1959, and Doctor of laws from West Virginia University in 1960. Among other of Mr. Dial's honors is that of Knighthood of the Royal Order of Saint Olav, awarded by the King of Norway in 1960.

Bunn Moves Up

Howard S. Bunn has been with Union Carbide since 1922. He became a vice-president of the corporation in 1953, executive vice-president in 1955, president in 1958, and vice-chairman of the board in 1960. He is also a director of Tri-Continental Corporation, Federal Insurance Company of New York, Buckeye Pipe Line Company, United States Testing Company, and the National State Bank of Newark. Mr. Bunn graduated from Lehigh University in 1920 with a BA in chemistry. He also received the degree of chemical engineer in 1922. In 1960, Lehigh University awarded him an honorary degree of doctor of engineering.



Birny Mason Jr.



Morse G. Dial



Howard S. Bunn

Gallaher Bridge Makes Way For Newer Structure

Another land-mark bites the dust in the area. The Gallaher Bridge is being removed from the Clinch River by the David Witherspoon firm under contract with the Atomic Energy Commission.

The Tennessee Valley Authority has built Melton Hill on the southwest edge of Oak Ridge, and the replacement of Gallaher Bridge was necessary to make the Clinch River navigable.

The old bridge was built shortly after Oak Ridge was selected as the site for a major nuclear energy center in 1942.



1963's SCHOLARSHIP WINNER accepts her letter from the local National Secretaries Association group . . . in the center, Patricia Carver, daughter of William R. Carver, Research Services. Making the presentation is Virginia Wells, left, and looking on is the 1963 Member of the Year, Edena Thirloway. The young Carver daughter plans to enter the University of Tennessee next month to study in the summer quarter. The scholarship is one of many of the NSA's annual projects.

SAFETY SCOREBOARD

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(Unofficial Estimate)
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On Accident-Free Hours

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JAMES A. YOUNG Editor

Member Appalachian
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Bldg. 9704-2 Room 149
Telephone 7109

Libby Williams Named To UT's Mortar Board

Active Junior Is
Accorded High Honor



Libby Williams

Martha Elizabeth Williams has been tapped by the Mortar Board, one of the most creditable honor societies at the University of Tennessee. Libby, who has a 3.6 average, was one of eight junior women named to the select group. The ceremonies took place at UT's Alumni Memorial Auditorium, Monday, April 22.

Libby is enrolled in the College of Education, and has been treasurer of New West Hall Dormitory. She holds membership in the Glee Club, Phi Lambda Theta, SNEA and the Spanish Club. Also active in AWS, the pretty junior has been a sophomore aide, president of the new Honor Dormitory and a member of the judicial board.

She is the daughter of Lieutenant Doyle B. Williams, Guard Department. The Williams live at 106 Oneida Lane, Oak Ridge.

Congratulations, Libby!

Fatal Electric Shock Last Week In Plant

Y-12 sadly marked its first fatal accident last week in almost seven years as Robert J. Kerr, a physicist in the Thermonuclear Division of Oak Ridge National Laboratory, received a fatal electrical shock April 30.

The physicist came in contact with a 1,000 volt power supply for an ion source in connection with experimental work on controlled thermonuclear research.

The fatal injury was the fourth lost-time accident recorded for 1963 in Y-12, and brought the accident-free days to a close at approximately 54 days, or 1,684,000 man-hours.

People who keep criticizing the younger generation usually forget who raised it in the first place!



A sign at a railroad grade crossing in Colorado, reads: "It takes a train only 14 seconds to pass this crossing—whether your car is on it or not."

We have only 14 seconds to get ahead of an ever-present deadline, let's begin in

MECHANICAL OPERATIONS

Production Machining down in Beta Four reports the best thing happening in a long time last week . . . Oscar Morris came back to work, and everyone is happy to see him. (Mildred, no kin, says it just goes to show you that you can't keep a Morris down!) . . . A. E. Burger is welcomed into the shop office.

Vacationing last week was E. J. Sands. He planned a visit to Asheville N. C., and had to get his peanut crop planted or he'll be too late for harvesting. Sands is just putting in a one-horse crop this year. After the planting he planned to drag a few slab sides from the murky waters of Douglas Lake.

Also vacationing was H. C. Crouch who planned to visit relatives in Amhurst and Lima, Ohio . . . and hoped to get in some good fishing at Indian Lake while there.

Up in F Area, B. H. Hobby and E. V. Blair vacationed in parts unknown to anyone but them.

N. B. Bloomer planned to join his father . . . also N. B. Bloomer on a two-week excursion to Mississippi for his vacation. They planned to build Buck's cabin on the lake. Building plans may fall by the wayside when they get there . . . L. P. Vines just returned from a week of fishing with several "good luck" fishing tales including a catch of 52 crappie on one trip.

The H-2 Shop welcomes Carl Dorr, foreman, transferring in from A-2 Shop, and bids farewell to W. L. Taylor who transferred out of H-2 and into A-2. Anybody got that straight?

Best wishes for a speedy recovery are sent to C. T. Crowe who is in the hospital for surgery. The A-2 Shop foremen bade farewell to W. C. Kuykendall last week and presented him with a pen and pencil set. He transferred to Machining Tool Management Engineering (That's a Department?)

E. V. Hawk and C. M. Rockholt are trying their luck at fishing on vacation.

R. F. Graham has returned to work after being off sick. Still on the sick list are J. L. Armes, S. J. Sargent, W. F. Quimby and U. Wallace. Best wishes to each and all.

New hires in the shop are J. L. Clowers, C. R. Everence, H. R. Lewis, B. R. May, H. R. Sanning, and K. R. Stooksbury. G. C. Casey transferred back to A-2 after being sent to Beta Two for a while. Welcome, welcome.

Eddie Maeyens' wife is in Oak Ridge Hospital and best wishes to her.

Also to O. C. Willard's father of Strawberry Plains. He is in Fort Sanders Hospital in Knoxville.

B. E. Reneau, Alpha Five, brought his wife home from the hospital last week. She had quite a long stay over in Oak Ridge. Glad she's home now, though.

D. B. Arnold dug post holes and strung fence and planted his vegetables on his vacation. He tried to buy an old used well to cut up for post holes, but could not find one.

Beta Two has been brightened up since Anne Truitt began working in the office there. She sure is prettier than Roy!

Ed Costner is on loan to Beta Two for a while.

After a visit in Presbyterian Hospital, Knoxville G. P. McGhee is home now . . . and glad, too.

Beta Two welcomes in H. F. Yarnell, F. J. Marshall, J. C. Spradlin, W. L. Perry, J. W. Holt, L. Jenkins, O. Laurendine, R. M.

Burden and J. E. Driskell. Welcome, men.



Alan Grady Craig

Jim and Zona Craig are the proud parents of little Alan Grady Craig, born March 31, at Baptist Hospital, Knoxville. He weighed six pounds, eight ounces. Fine-looking lad, isn't he? The new papa is in Beta Two Assembly.

That man who said "Go, West," sure didn't tell you how to do it on a cloverleaf intersection!

ENGINEERING

Tool Engineering welcomes Earl Smith to 9723-15 from the Beta Four Group . . . Burl Chambers is joining the 15 group once again also . . . this time from Beta Two. Get well wishes are sent to John Gibson.

Kirk Delcour is doing two weeks tour of duty for Uncle Sam in chilly, little Rhode Island.

An easy way to find Wayne Collette these days is just look at his new home evenings and weekends. He's busy supervising the work there, and he and family are looking forward to moving in sometime in August.

T. C. Swindell and the mizzus journeyed down to Chattanooga for a meeting of the National Ornithologist Society.



Spencer F. Ferguson III

Whatta ya mean, I got them on the wrong end? . . . nine months old Spence the Third seems to be asking his dad, Spencer F. Ferguson, II and Donna, Electrical Maintenance. Grownups sure do get set in their ways, don't they, little Spence?

Logic of a woman driver: "I always drive with the emergency brake on. When an emergency happens, I'm ready!"

SHIFT SUPERINTENDENTS AND UTILITIES

Vacationing from Y-12 are J. Y. Burchfield . . . who took off for Douglas Lake and for a visit to Sevierville, also . . . W. E. Everett

fished at Tellico and visited in Middle Tennessee.

Taking it easy at home is H. L. Cox . . . and N. W. Evans didn't say which way he went.



Laurie Paige Beeler

Born April 18, at 1:22 p.m. at Fort Sanders Hospital, Knoxville, was Laurie Paige Beeler. She weighed six pounds, six ounces, and is the daughter of Mr. and Mrs. P. L. Beeler (he's in Utilities.) The grand-pop, W. L. Beeler, is in Area Five Maintenance.

INDUSTRIAL RELATIONS

Ill last week in the St. Mary's Hospital was Mabel Tyler, secretary to H. G. P. Snyder, division superintendent. Hurry back, Mabel. (Oh, yes, hurry and get well first!)

MAINTENANCE



Douglas K. Hunnicutt



Robin M. Hunnicutt

These fine youngsters are the pride and joy at the Hunnicutt household, 3308 Flamingo Avenue, Knoxville. Thomas J. Hunnicutt (he's called Tom around Research Services) says that Douglas Keith is five and one-half years old and eagerly looking forward to school next year at Giffen School. And isn't Robin



Congratulations to the following Y-12ers who will celebrate anniversaries with Union Carbide within the next few days.

15 YEARS

William Z. Trimble, Dispatching, May 11.

10 YEARS

William F. Hawkins, Process Maintenance, May 11.

Charles W. Stegall, Material Control, May 11.

John D. Hart, A-2 Foundry, May 11.

William F. Wormsley, Alpha Five Cascade Operations, May 11.

Sam McClanahan, Chemical Department, May 11.

Lawrence C. Hamilton, Beta Two, May 11.

Clarence E. Miller, Ceramics and Plastics, May 11.

William T. Horton, Beta Two, May 11.

Ralph B. Zimmerman, General Mechanical Engineering, May 11.

Herbert A. Lay, Alpha Five Cascade Operations, May 11.

Bobby L. Powers, Secondary Quality Control, May 11.

John E. Peters, A-2, Foundry, May 11.

James W. Dowell Jr., Special Projects, May 11.

James V. Brock, Production Machining, May 11.

Thomas W. Osborne Jr., Product Processing, May 12.

Afton S. Kirby, Product Processing, May 12.

Charles H. Pride, Engineering Mechanics, May 12.

Clifton E. Stooksbury, Chemical Engineering Development, May 12.

Archie D. McPeters, Alpha Five Cascade Operations, May 12.

Herbert H. Weaver, Beta Two May 12.

Joseph J. Asbury, Chemistry Development, May 12.

Edgar B. Duncan, Product Processing, May 12.

Edward L. Farris, Area Five Maintenance, May 13.

Earl Daugherty, Stores Department, May 14.



Car pool member wanted from Cumberland Estates, Windsor Park and Pleasant Ridge section, to West Portal, straight day. K. D. Thompson, plant phone 7596, home, home phone Knoxville 588-8149.

Two riders wanted from Harri-man via Blair, to West Portal, straight day. R. W. Curtis, plant phone 7-8465, home phone Harri-man, 882-9291.

Riders wanted from Lincoln Park or West Haven section, Knoxville, to West Portal, J. Shift. R. G. Shipley, plant phone 7-8026, home phone Knoxville 687-5259.

Ride wanted or will join car pool from Lincoln Park section, Knoxville, to any portal, H Shift. W. A. Neff, plant phone 7171.

Ride wanted or will join car pool from Oldham Avenue section, Knoxville, to North Portal, straight 11 p.m. to 7 a.m. shift. John Bearden, plant phone 7104, home phone Knoxville 524-2252.

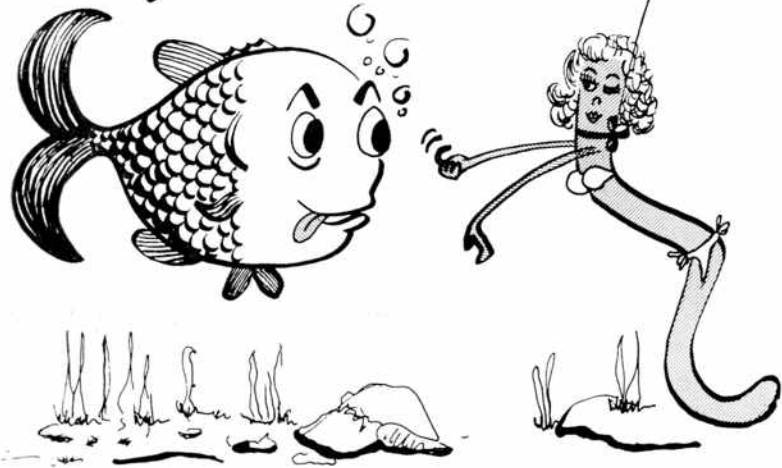
Marlene pretty? Mrs. Hunnicutt says they are so very proud of them. That isn't hard to understand.

Research Services extends sympathy to T. A. Hickman in the recent death of his father.

Get well wishes are sent to J. V. Hawkins' wife . . . Also to W. F. Stancell, recovering from surgery.

See you next week

Fishin' Rodeo



OR Chorus Will Perform Vivaldi

The Oak Ridge Chorus will present its final concert of the 1962-63 season, sponsored by the Oak Ridge Civic Music Association Saturday, May 18. Two works will highlight the program, "Gloria" by Antonio Vivaldi and "The Unicorn, the Gorgon and the Manticore," by Gian Carlo Menotti. The concert begins at 8:15 p.m. at the Oak Ridge High School auditorium.

The "Gloria" was one of a group of unpublished manuscripts discovered in Turin, Italy in 1939. Along with several other choral works in this collection, it established Vivaldi as a choral composer of the first order. In recent years, the "Gloria" has enjoyed performances all over this country. It is a lovely example of pre-classical music, a delight both to sing and listen to.

The work by Menotti is both unusual and delightful. Subtitled, "The Three Sundays of a Poet, A Madrigal Fable," it consists of a series of madrigals separated by instrumental interludes. To the madrigal form, Menotti has added some modern harmonies and his own inimitable touches of wit and pathos.

Mrs. Mary Finchum, wife of Jack Finchum, Utilities, will sing first soprano in a solo sextet for the Menotti work.

Tickets are available in advance for the ORCMA concert at the Music Box and Clark-Jones Music Shop, Oak Ridge, and will be available at the box office prior to the concert.

What About The Bears In Our Own Smokies?

For the first time since it was opened Yellowstone National Park has finally succeeded in keeping grizzly bears out of garbage cans. After many unsuccessful efforts a completely fool-proof lid was devised that defied all attempts by the bears to remove them during the summer of 1962.

Wonder if the same kind of lid could be used in the Smokies... on our own species of bears there?

Shift Combo Sets Fishing Rodeo Saturday

Come Saturday, May 11, the E, F, G, H and J Shift gang is planning another Big Fishing Rodeo... this time at the Anderson County Park on Norris Lake. There is no charge for entering, but you do have to register to win anything.

The largest fish will take a Mitchell 300 Reel... the largest small mouth will take a Coleman lantern... the next largest a picnic ice box. The largest large mouth caught will win an ice cream freezer. The two largest pikes will take an ice chest and an air guide speed set (whatever that is). The two largest breams will take an outing kit and two boat cushions, first and second prizes respectively.

The largest crappie takes a Coleman lantern.

Door award will be furnished by the dock folks. There is plenty of picnic space at the Park, so bring the family along. All Y-12 employees and their families and guests will be most welcome at the rodeo.

Let's go fishing Saturday!

Bats Transmit Rabies Without Biting Anyone

It has been known for several years that bats could transmit rabies by biting. Recent studies, however, indicate that the flying mammal can transmit the virus in a humid atmosphere by its body excretions. The study was instigated by two cave workers developing rabies and dying even though both were sure they had not been bitten by rabid bats.

Upside-Down Lake

Naknek Lake in southern Alaska is noted for rocks that float and wood that sinks. The rocks littering its shore are pumice and lighter than water. The wood is petrified and often beautifully marked.

Spurling Shoots Big In Hi Power

Leads Both Scratch And Handicap Lines

Y-12's R. J. Spurling finally made a clean sweep in the All Carbide High Power Rifle League.

He fired a 97-3v in the difficult standing position, in sitting rapid fire he had a 99-6v total and in prone rapid fire a 100-10v for a total scratch score of 296-19v. This was boosted to a 296.667 for his handicap high.

Another Y-12er, C. G. Brewster, was close behind Spurling all the way with a 92-4v standing, 98-8v sitting rapid, and 99-13v prone rapid for a total of 289-25v.

Scratch scores:
R. J. Spurling, Y-12 296-19v
C. G. Brewster, Y-12 289-25v
A. A. Abbatiello, ORNL 289-11v
Bert Searles, Y-12 273-6v
H. F. McDuffie, ORNL 271-5v
G. B. Marrow, Y-12 270-11v
A. S. Quist, ORNL 236-5v
Hugo Bertini, ORNL 168-0v

Handicap scores:
R. J. Spurling, Y-12 295.667
H. F. McDuffie, ORNL 292.719
C. G. Brewster, Y-12 292.416
G. B. Marrow, Y-12 292.362
A. A. Abbatiello, ORNL 290.466
Bert Searles, Y-12 288.328
A. S. Quist, ORNL 288.212

Another round was fired Saturday May 4, on the Oak Ridge Sportsman's Association's High Power Rifle Range. The next date for a shoot will be at 1 p.m. Saturday, May 25.

Carnegie Had Perfect Squelch For Critic

Someone once criticized Andrew Carnegie for having so much wealth. They proposed that the industrialist share it more equitably with his fellow man.

Carnegie buzzed his secretary to bring him the latest figures on his wealth, and on the world's population. He scribbled for a few moments; then instructed his secretary:

"Give this man two cents. That's his share of my wealth."

USA Must Move To Close Gap In Culture Lag

The cultural lag—the years lost between the discovery of a new capability and its absorption by society—has been continually shortened. For reasons of political and economic competition, the United States must accomplish as much in the next five years as has been accomplished by slow evolution in the last 50 years.

INLAND WATERWAYS

The combined shores of the Great Lakes are longer than the coastlines of the Atlantic and Pacific Ocean coasts put together!



THE OATH OF ALLEGIANCE is taken by James A. Cabe, as he is taken into the United States Navy's Air Academy at Pensacola, Florida. Young Cabe, a graduate of Oak Ridge High School, has been attending Young Harris College, Georgia. He is the son of Lynn B. Cabe, Project Engineering.

Lynn B. Cabe's Son Is Appointed To U.S. Navy's 'Air Annapolis'

James Allan Cabe, son of Lynn B. Cabe, Project Engineering, was recently taken into the "Annapolis of the Air" academy at Pensacola, Florida. The rigid 18 months course contains the finest flight training in the world today. Young Cabe's qualifications and selection for the program marked him as one in 1,500 of today's contemporary young men. Among these cadets will be the Naval leaders of tomorrow.

The cost of the flight training is estimated at over \$100,000. New techniques and technological advances are broadening the field of Naval Aviation.

In a letter to the cadet's parents, Captain I. J. Schwartz wrote: "There may be numerous times when your son will seriously doubt his ability to win his coveted 'wings of gold.' This reaction is entirely normal, since he is taking a stringent course and is engaged in a highly competitive endeavor. However, optimistic letters from you will go a long way to dispel these fears and encourage him to keep trying. The Navy will never give up on a man who is trying until he definitely appears to be incapable of meeting the necessary academic or flight standards." The United States Navy Captain administered the oath of allegiance to Cadet Cabe.

Young Cabe is a 1960 graduate of Oak Ridge High School. He has been in college at Young Harris College, Young Harris, Georgia, for the necessary courses preparatory to his naval career.

The Cables live at 177 Waddell Circle, Oak Ridge.



THE MOST IMPROVED BOWLER in the Classic League gets a belt buckle from the American Bowling Congress. Bill Mee, president of the league, at left, presents the buckle to Al True. Al, who bowled on the Markers team for the second year, improved his average by 20 pins during the season just over.



FURTHER FESTIVITIES HONORED Lucius C. Burnette, who retired from General Expediting and Auxiliary Services last week. Fishing equipment was presented him, which he plans to put to good use "as soon as the lakes clear up a little." The retired Burnette lives in LaFollette, "close enough to Norris Lake to get in some fishing now and then."

ment was presented him, which he plans to put to good use "as soon as the lakes clear up a little." The retired Burnette lives in

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Present Tax Structure

Continued from Page 1
in the first quarter of 1962. Earnings were \$1.16 a share, which was eight per cent under the level of last year. Mr. Mason said that Union Carbide plants are operating efficiently, and with new products being generated from research and development programs, the corporation is now in a strong position to take advantage of any substantial upswing in economic activity.

Union Carbide's business, Mr. Mason pointed out, has always been characterized by a broad involvement in science and technology. He mentioned a number of new developments that are expected to contribute to the corporation's growth, and he showed slides to illustrate the pattern of constant change to which Union Carbide must continually adjust. He used the plastic polyethylene as an example of the tremendous amount of money and effort that it takes to bring a chemical prod-

uct to the stage where it becomes an everyday commodity. Present annual consumption of this plastic is almost two billion pounds. It was pointed out that large-scale production and technical advances in polyethylene have led to lower costs and to broader markets. Prices have been reduced from about 90 cents a pound to about 20 cents a pound.

Among the products Mr. Mason mentioned as just starting to develop in potentially large markets were liquid hydrogen, which is being used by the aerospace industry as a high-energy rocket fuel; new chemicals for urethane foam; and a line of children's products made of resilient vinyl foam. Stockholders were told that a seven-story high press has just been installed at one of the corporation's plants for producing immense pieces of graphite to meet the needs of both the aerospace and steel industries, and that Union Carbide's activities in the electronics industry have been expanded to include research and development work on lasers.

Two products introduced in the

Palmer Son Is Cum Laude Grad



Lee Palmer

Lee Palmer, son of E. E. Palmer, Y-12's Mechanical Engineering, has been honored at Powell High School, from which he graduates this Spring. He is graduating cum laude in the 1963 graduating class.

Young Palmer plans to attend the University of Tennessee this Fall.

Good luck, Lee!

medical field were described. One was a cryosurgical unit used in a new freezing technique for effecting the relief of Parkinson's disease. Another was a hyperbaric oxygen therapy system, which makes it possible to supply pure oxygen to hospital patients at three times normal pressure, and which offers many advantages in surgery and in the medical treatment of a wide variety of disease conditions.

Tangled Lines

(Editor's Note: There are some famous hunters and fishermen in Y-12. Cal Lunsford, Research Services, has come up with some casual observations of outdoors' talk.)

More fish are caught in Y-12 lunch rooms than any other place in East Tennessee.

Excuses heard for not catching fish:

1. Too windy.
2. Water was muddy.
3. Fishing in the wrong place.
4. Had to stay home and work in the yard.

FISHERMAN'S EYES

A malfunction of the pupils, that causes objects to be magnified ten times.

SPECIAL FISHING SPOT

An isolated place known only to you and the game warden.

THE TEST

Any man who can tell a fish story the second time without adding ten pounds, or ten fish is not a true fisherman and should be barred from practicing the art.

MYSTERY OF NATURE

How a fish can gain five pounds from the water to the Y-12 plant. We hear tell a certain Y-12er in the Electrical Department has

an electric spinning reel, an electric trolling motor, and is looking to the TVA for an electric car. All we can say is, man, he's electric!

IT'S BRAND NEW

We hear a certain Y-12er has developed a new breed of dog . . . one that runs along the bank barking at the best fishing spots. We also hear that one of these dogs, when he has located his master a good fishing spot if given a pail, will pick blackberries while his master fishes. Can't you visualize this . . . fresh fried fish and blackberry pie for Sunday dinner!



VOICING HIS APPRECIATION for the years of friendship in Y-12, John E. Snyder asks everyone to visit him at his lakeside home. "You're always welcome," he stated. "Come on down."



PART OF THE BIG CROWD gather to toast John Snyder with a "coke." The Elk's Club party, held Friday, brought out a total of 115 of John's good friends in Y-12.



JACK TERRELL ENDS UP HIS FOUR-HOUR speech of testimonials held recently for retiree John E. Snyder, who looks on rather disdainfully from the right. The Union Carbide products spread on the table were brought down from Cleveland by Al Conte, who couldn't resist a chance for a "commercial."



EVEN THE GIRLS GOT IN ON THE ACT—The females in Engineering had their own party too, as seen by these photographs. At left, John Snyder models part of the apparel the crowd gave him. He said he kissed at least 25 girls in five minutes, which must be some kind

of record, even for John. Realizing they could not attend the stag function, the gals got together for festivities on John's actual birthday. The "friendly engineer" was given several beautiful gifts at the stag affair. A silver martini stirrer . . . a platter . . . some fishing

equipment, a dinnerware set, some stainless cutlery were just a few of the trinkets he took home with him. "It was one of the best parties ever given," John stated. We agree. It was a good party, given for a good soldier!